FIG. 1

```
   1 atggcagagc atgattacca tgaagactat gggttcagca gtttcaatga cagcagccag
  61 gaggagcatc aagacttcct gcagttcagc aaggtctttc tgccctgcat gtacctggtg
 121 gtgtttgtct gtggtctggt ggggaactct ctggtgctgg tcatatccat cttctaccat
 181 aagttgcaga gcctgacgga tgtgttcctg gtgaacctac ccctggctga cctggtgttt
 241 gtctgcactc tgcccttctg ggcctatgca ggcatccatg aatgggtgtt tggccaggtc
 301 atgtgcaaga gcctactggg catctacact attaacttct acacgtccat gctcatcctc
 361 acctgcatca ctgtggatcg tttcattgta gtggttaagg ccaccaaggc ctacaaccag
 421 caagccaaga ggatgacctg gggcaaggtc accagcttgc tcatctgggt gatatccctg
 481 ctggtttcct tgccccaaat tatctatggc aatgtcttta atctcgacaa gctcatatgt
 541 ggttaccatg acgaggcaat ttccactgtg gttcttgcca cccagatgac actggggttc
 601 ttcttgccac tgctcaccat gattgtctgc tattcagtca taatcaaaac actgcttcat
 661 gctggaggct tccagaagca cagatctcta aagatcatct tcctggtgat ggctgtgttc
 721 ctgctgaccc agatgccctt caacctcatg aagttcatcc gcagcacaca ctgggaatac
 781 tatgccatga ccagctttca ctacaccatc atggtgacag aggccatcgc atacctgagg
 841 gcctgcctta accctgtgct ctatgccttt gtcagcctga agtttcgaaa gaacttctgg
 901 aaacttgtga aggacattgg ttgcctccct taccttgggg tctcacatca atggaaatct
 961 tctgaggaca attccaagac tttttctgcc tcccacaatg tggaggccac cagcatgttc
1021 cagttatag
```

T07280 E900h660

FIG. 2

MAEHDYHEDY GFSSFNDSSQ EEHQDFLQFS KVFLPCMYLV VFVCGLVGNS LVLVISIFYH KLQSLTDVFL
VNLPLADLVF VCTLPFWAYA GIHEWVFGQV MCKSLLGIYT INFYTSMLIL TCITVDRFIV VVKATKAYNQ
QAKRMTWGKV TSLLIWVISL LVSLPQIIYG NVFNLDKLIC GYHDEAISTV VLATQMTLGF FLPLLTMIVC
YSVIIKTLLH AGGFQKHRSL KIIFLVMAVF LLTQMPFNLM KFIRSTHWEY YAMTSFHYTI MVTEAIAYLR
ACLNPVLYAF VSLKFRKNFW KLVKDIGCLP YLGVSHQWKS SEDNSKTFSA SHNVEATSMF QL

TOZ280 E900h660

FIG. 3

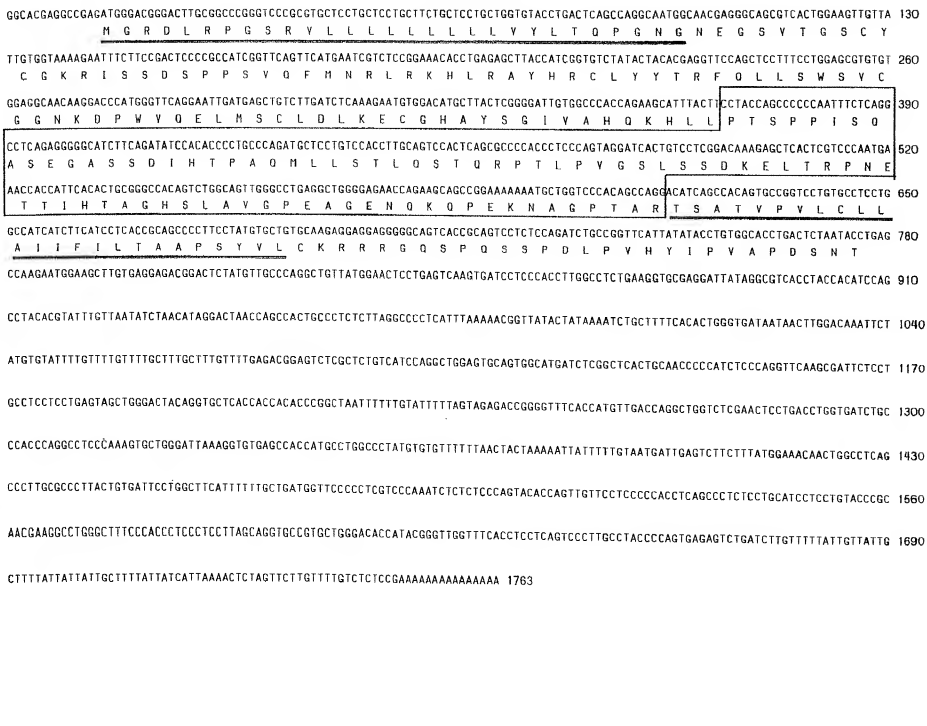

FIG. 4A

```
1.
  CGGCGACTCTCTCCACCGGGCCGCCCGGGAGGCTCATGCAGCGCGGCTGGGTCCCGCGGC
61
  GCCCGGATCGGGGAAGTGAAAGTGCCTCGGAGGAGGAGGGCCGGTCCGGCAGTGCAGCCG
121
  CCTCACAGGTCGGCGGACGGGCCAGGCGGGCGGCCTCCTGAACCGAACCGAATCGGCTCC
181
  TCGGGCCGTCGTCCTCCCGCCCCTCCTCGCCCGCCGCCGGAGTTTTCTTTCGGTTTCTTC
241
  CAAGATTCCTGGCCTTCCCTCGACGGAGCCGGGCCCAGTGCGGGGGCGCAGGGCGCGGGA
301
  GCTCCACCTCCTCGGCTTTCCCTGCGTCCAGAGGCTGGCATGGCGCGGGCCGAGTACTGA
361
  GCGCACGGTCGGGGCACAGCAGGGCCGGTGGGTGCAGCTGGCTCGCGCCTCCTCTCCGGC
421
  CGCCGTCTCCTCCGGTCCCCGGCGAAAGCCATTGAGACACCAGCTGGACGTCACGCGCCG
481
  GAGCATGTCTGGGAGTCAGAGCGAGGTGGCTCCATCCCCGCAGAGTCCGCGGAGCCCCGA
541
  GATGGGACGGGACTTGCGGCCCGGGTCCCGCGTGCTCCTGCTCCTGCTTCTGCTCCTGCT
    M  G  R  D  L  R  P  G  S  R  V  L  L  L  L  L  L  L  L  L     20
601
  GGTGTACCTGACTCAGCCAGGCAATGGCAACGAGGGCAGCGTCACTGGAAGTTGTTATTG
    V  Y  L  T  Q  P  G  N  G  N  E  G  S  V  T  G  S  C  Y  C     40
661
  TGGTAAAAGAATTTCTTCCGACTCCCCGCCATCGGTTCAGTTCATGAATCGTCTCCGGAA
    G  K  R  I  S  S  D  S  P  P  S  V  Q  F  M  N  R  L  R  K     60
721
  ACACCTGAGAGCTTACCATCGGTGTCTATACTACACGAGGTTCCAGCTCCTTTCCTGGAG
    H  L  R  A  Y  H  R  C  L  Y  Y  T  R  F  Q  L  L  S  W  S     80
781
  CGTGTGTGGAGGCAACAAGGACCCATGGGTTCAGGAATTGATGAGCTGTCTTGATCTCAA
    V  C  G  G  N  K  D  P  W  V  Q  E  L  M  S  C  L  D  L  K    100
```

US 2007/0004909 A1

FIG. 4B

```
841
   .    .    .    .    .    .    .    .    .    .
   AGAATGTGGACATGCTTACTCGGGGATTGTGGCCCACCAGAAGCATTTACTTCCTACCAG
    E  C  G  H  A  Y  S  G  I  V  A  H  Q  K  H  L  L  P  T  S   120

901
   .    .    .    .    .    .    .    .    .    .
   CCCCCCAACTTCTCAGGCCTCAGAGGGGGCATCTTCAGATATCCACACCCCTGCCCAGAT
    P  P  T  S  Q  A  S  E  G  A  S  S  D  I  H  T  P  A  Q  M   140

961
   .    .    .    .    .    .    .    .    .    .
   GCTCCTGTCCACCTTGCAGTCCACTCAGCGCCCCACCCTCCCAGTAGGATCACTGTCCTC
    L  L  S  T  L  Q  S  T  Q  R  P  T  L  P  V  G  S  L  S  S   160

1021
   .    .    .    .    .    .    .    .    .    .
   GGACAAAGAGCTCACTCGTCCCAATGAAACCACCATTCACACTGCGGGCCACAGTCTGGC
    D  K  E  L  T  R  P  N  E  T  T  I  H  T  A  G  H  S  L  A   180

1081
   .    .    .    .    .    .    .    .    .    .
   AGTTGGGCCTGAGGCTGGGGAGAACCAGAAGCAGCCGGAAAAAAATGCTGGTCCCACAGC
    V  G  P  E  A  G  E  N  Q  K  Q  P  E  K  N  A  G  P  T  A   200

1141
   .    .    .    .    .    .    .    .    .    .
   CAGGACATCAGCCACAGTGCCGGTCCTGTGCCTCCTGGCCATCATCTTCATCCTCACCGC
    R  T  S  A  T  V  P  V  L  C  L  L  A  I  I  F  I  L  T  A   220

1201
   .    .    .    .    .    .    .    .    .    .
   AGCCCTTTCCTATGTGCTGTGCAAGAGGAGGAGGGGGCAGTCACCGCAGTCCTCTCCAGA
    A  L  S  Y  V  L  C  K  R  R  R  G  Q  S  P  Q  S  S  P  D   240

1261
   .    .    .    .    .    .    .    .    .    .
   TCTGCCGGTTCATTATATACCTGTGGCACCTGACTCTAATACCTGAGCCAAGAATGGAAG
    L  P  V  H  Y  I  P  V  A  P  D  S  N  T  *                 254

1321
   .    .    .    .    .    .    .    .    .    .
   CTTGTGAGGAGACGGACTCTATGTTGCCCAGGCTGTTATGGAACTCCTGAGTCAAGTGAT
1381
   .    .    .    .    .    .    .    .    .    .
   CCTCCCACCTTGGCCTCTGAAGGTGCGAGGATTATAGGCGTCACCTACCACATCCAGCCT
1441
   .    .    .    .    .    .    .    .    .    .
   ACACGTATTTGTTAATATCTAACATAGGACTAACCAGCCACTGCCCTCTCTTAGGCCCCT
```

TO/2007/050660

FIG. 4C

1501
CATTTAAAAACGGTTATACTATAAAATCTGCTTTTCACACTGGGTGATAATAACTTGGAC
1561
AAATTCTATGTGTATTTTGTTTTGTTTTGCTTTGCTTTGTTTTGAGACGGAGTCTCGCTC
1621
TGTCATCCAGGCTGGAGTGCAGTGGCATGATCTCGGCTCACTGCAACCCCCATCTCCCAG
1681
GTTCAAGCGATTCTCCTGCCTCCTCCTAAGTAGCTGGGACTACAGGTGCTCACCACCACA
1741
CCCGGCTAATTTTTTGTATTTTTAGTAGAGACGGGGTTTCACCATGTTGACCAGGCTGGT
1801
CTCGAACTCCTGACCTGGTGATCTGCCCACCCAGGCCTCCCAAAGTGCTGGGATTAAAGG
1861
TGTGAGCCACCATGCCTGGCCCTATGTGTGTTTTTTAACTACTAAAAATTATTTTTGTAA
1921
TGATTGAGTCTTCTTTATGGAAACAACTGGCCTCAGCCCTTGCGCCCTTACTGTGATTCC
1981
TGGCTTCATTTTTTGCTGATGGTTCCCCCTCGTCCCAAATCTCTCTCCCAGTACACCAGT
2041
TGTTCCTCCCCCACCTCAGCCCTCTCCTGCATCCTCCTGTACCCGCAACGAAGGCCTGGG
2101
CTTTCCCACCCTCCCTCCTTAGCAGGTGCCGTGCTGGGACACCATACGGGTTGGTTTCAC
2161
CTCCTCAGTCCCTTGCCTACCCCAGTGAGAGTCTGATCTTGTTTTTATTGTTATTGCTTT
2221
TATTATTATTGCTTTTATTATCATTAAAACTCTAGTTCTTGTTTTGTCTCTCAAAAAAAA
2281
AAAAAAAAAAAAAAAAAAAAAAAAAAAA

099h0063 "082701

FIG. 5

```
  1 ccgcagcatg agctccgcag ccgggttctg cgcctcacgc cccgggctgc tgttcctggg
 61 gttgctgctc ctgccacttg tggtcgcctt cgccagcgct gaagctgaag aagatgggga
121 cctgcagtgc ctgtgtgtga agaccacctc ccaggtccgt cccaggcaca tcaccagcct
181 ggaggtgatc aaggccggac cccactgccc cactgcccaa ctgatagcca cgctgaagaa
241 tggaaggaaa atttgcttgg acctgcaagc cccgctgtac aagaaaataa ttaagaaact
301 tttggagagt tagctactag ctgcctacgt gtgtgcattt gctatatagc atacttcttt
361 tttccagttt caatctaact gtgaaagaaa cttctgatat ttgtgttatc cttatgattt
421 taaataaaca aaataaatc
```

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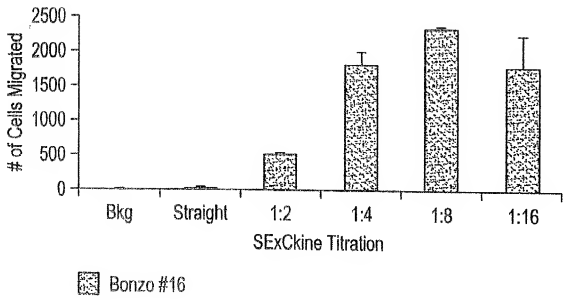
FIG. 6

MSSAAGFCAS RPGLLFLGLL LLPLVVAFAS AEAEEDGDLQ CLCVKTTSQV RPRHITSLEV IKAGPHCPTA QLIATLKNGR KICLDLQAPL YKKIIKKLLE S

099400633 "082701

FIG. 7



10/280,390 Docket 0827.01

FIG. 8A

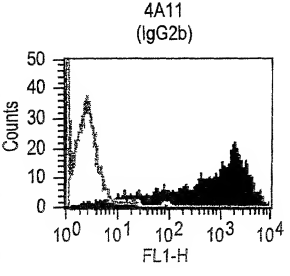


FIG. 8B

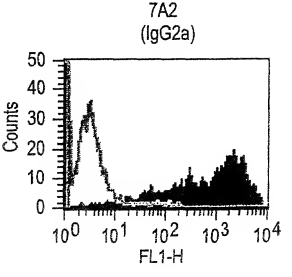


FIG. 8C

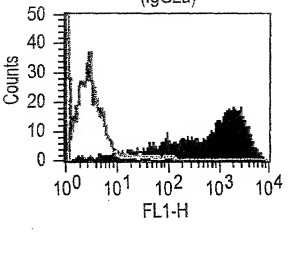
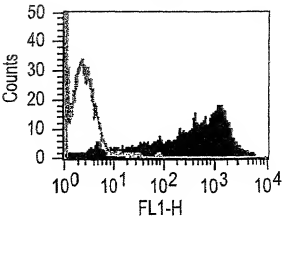


FIG. 8D



TO7280 E900+660

FIG. 9A

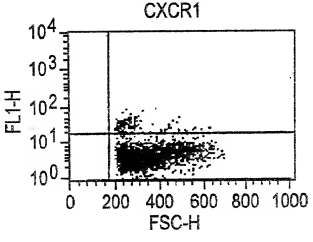


FIG. 9C

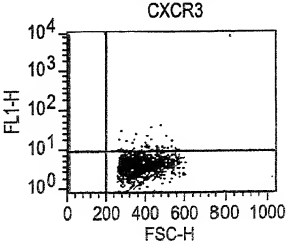


FIG. 9B

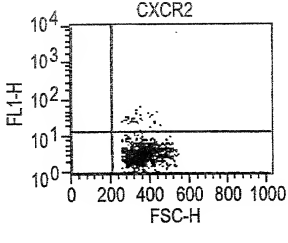


FIG. 9D

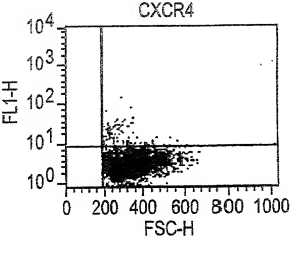


FIG. 9E

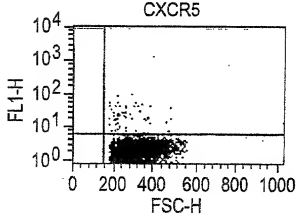


FIG. 9F

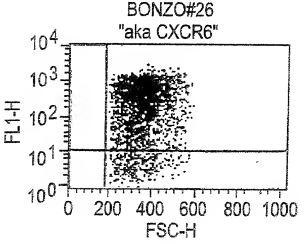
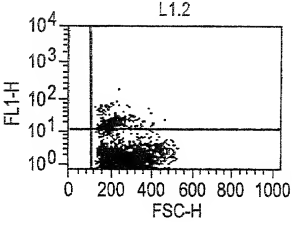


FIG. 9G



09940063.080701

10728063.090496

FIG. 10

FIG. 11A

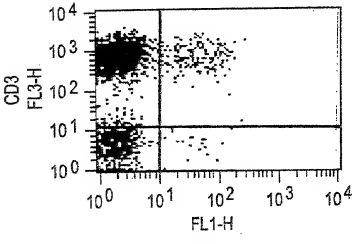


FIG. 11B

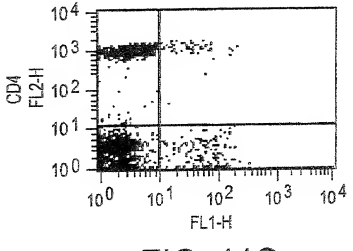
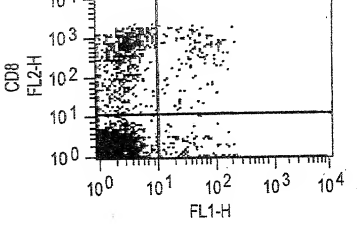


FIG. 11C



TD7280: E900+660

FIG. 11D

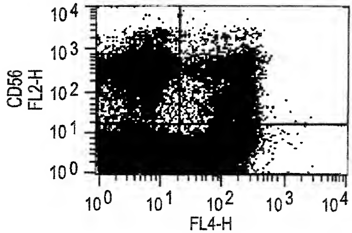


FIG. 11E

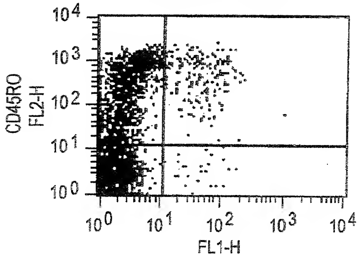
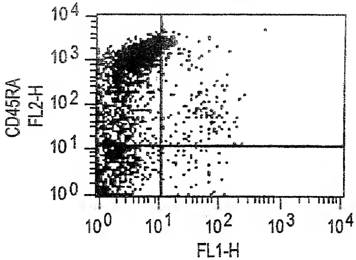


FIG. 11F



US7280°E9004560

FIG. 11G

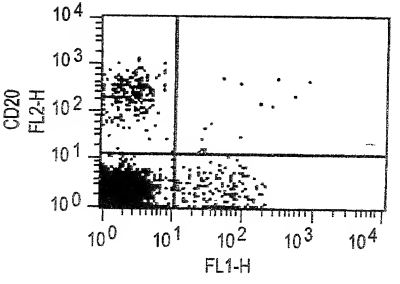
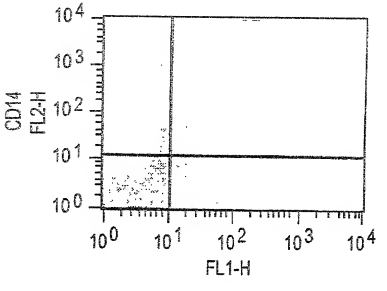


FIG. 11H



TOZ290 E900H650

FIG. 12A

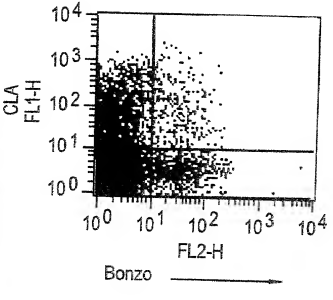


FIG. 12B

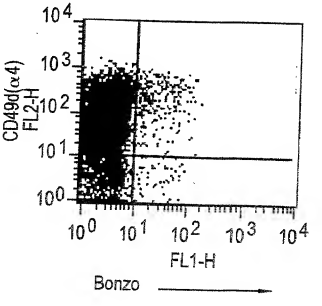


FIG. 12C

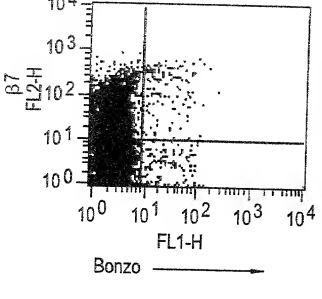
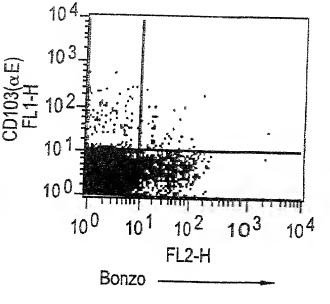


FIG. 12D



TD2280 E900h660

FIG. 13A

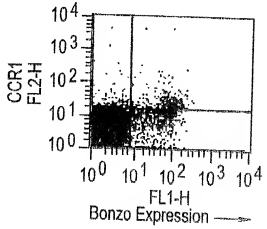


FIG. 13B

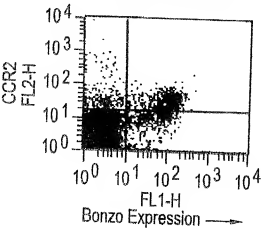


FIG. 13C

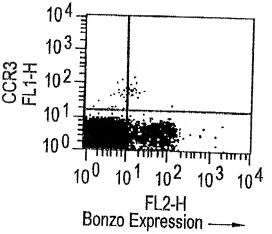


FIG. 13D

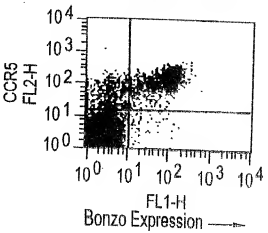


FIG. 13E

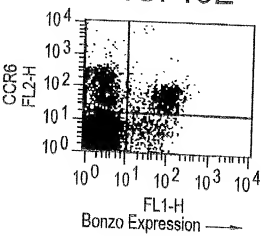


FIG. 13F

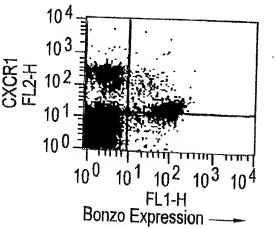


FIG. 13G

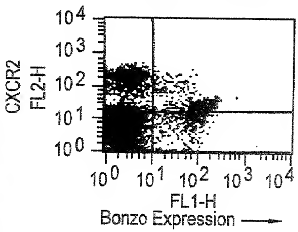


FIG. 13H

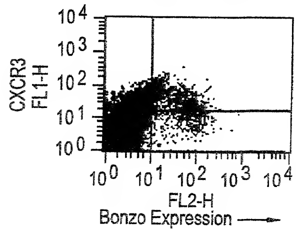


FIG. 13I

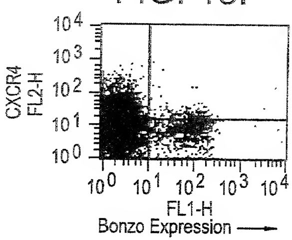
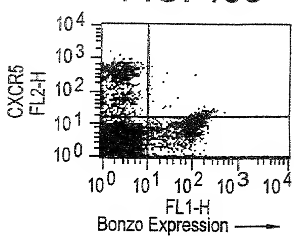


FIG. 13J



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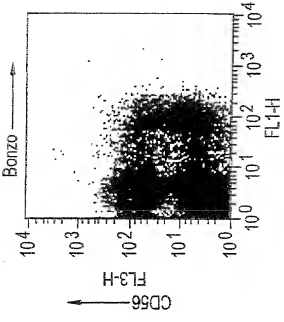


FIG. 14A

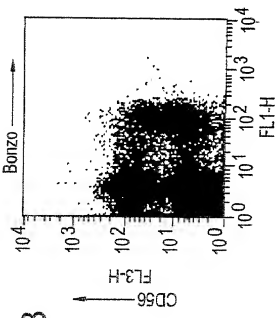


FIG. 14B

FIG. 14E

FIG. 14F

TX7230" E900H660

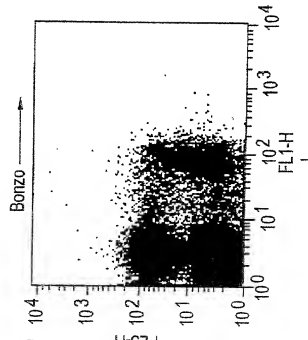


FIG. 14C

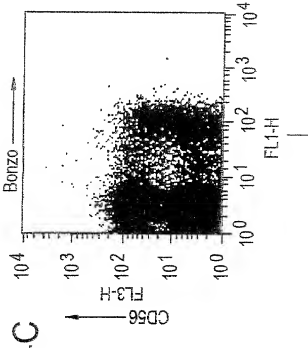
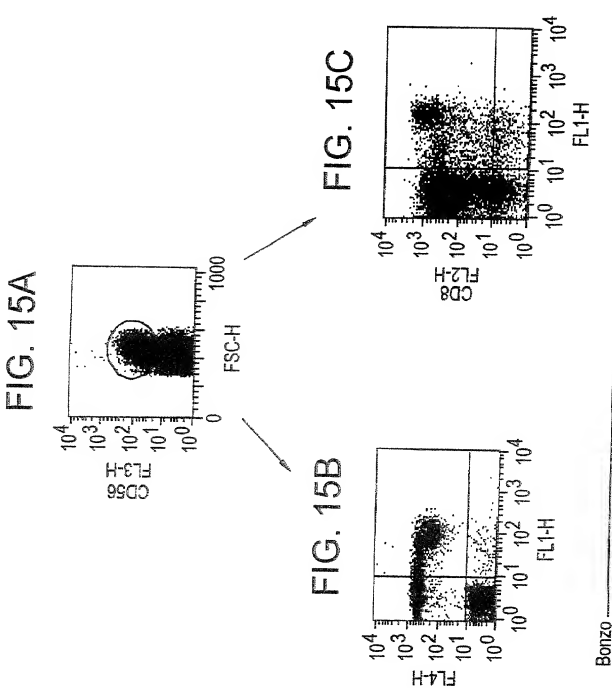


FIG. 14D

FIG. 14G

FIG. 14H

TO/280-E90Hb60



TO7280 "E900H660

FIG. 16A

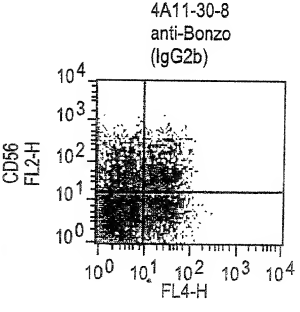


FIG. 16B

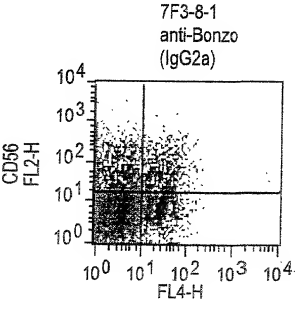


FIG. 16C

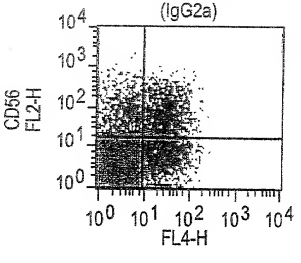


FIG. 16D

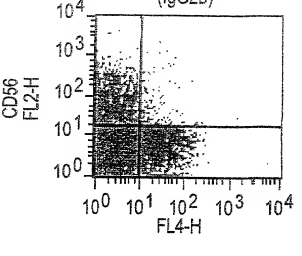


FIG. 17A

CD3 Blasts

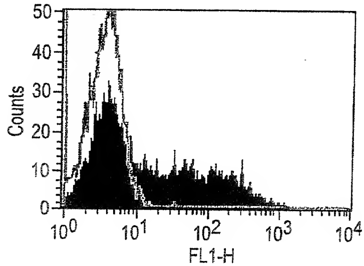


FIG. 17B

LAK Cells

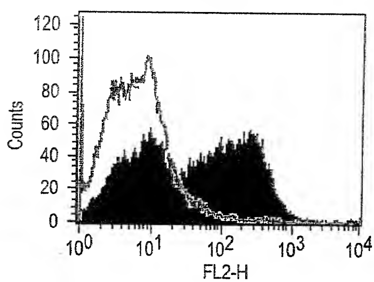
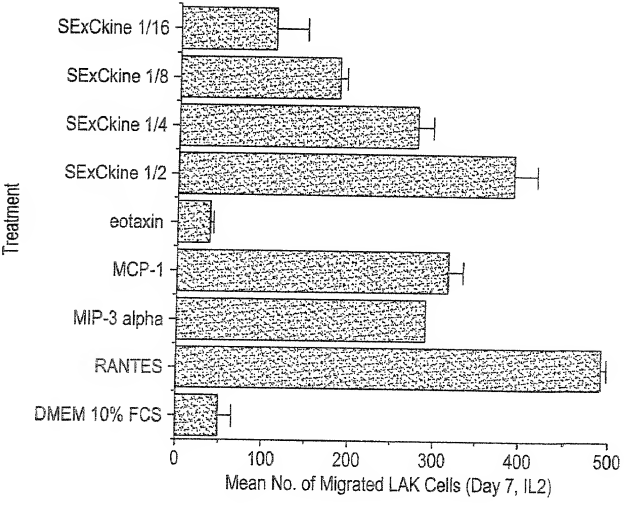


FIG. 18


SExCkine 1/16
SExCkine 1/8
SExCkine 1/4
SExCkine 1/2
eotaxin
MCP-1
MIP-3 alpha
RANTES
DMEM 10% FCS
Treatment
0
100
200
300
400
500
Mean No. of Migrated LAK Cells (Day 7, IL2)

10728O" E900466O

FIG. 19A

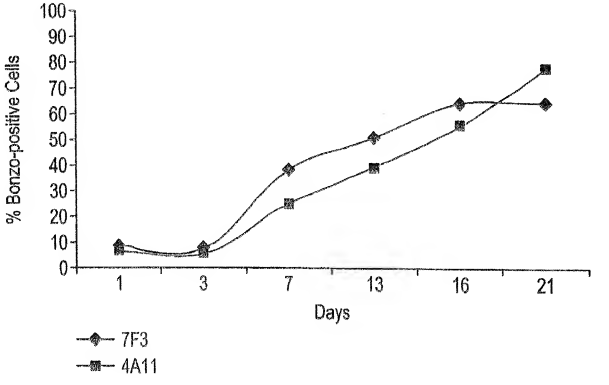
FIG. 19B

FIG. 19C

FIG. 19D

099h00E3.082701

FIG. 20



TO/2807 E900N660

FIG. 21

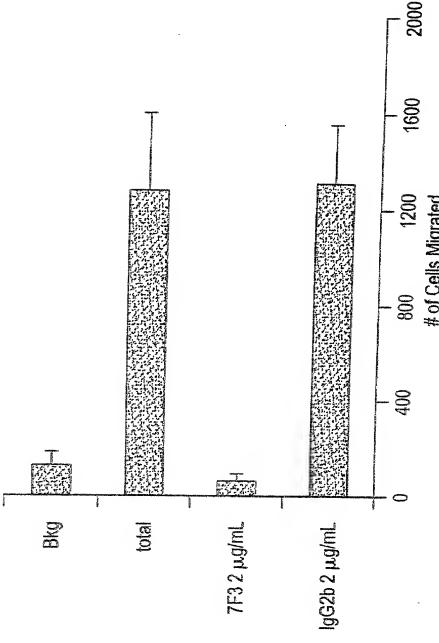
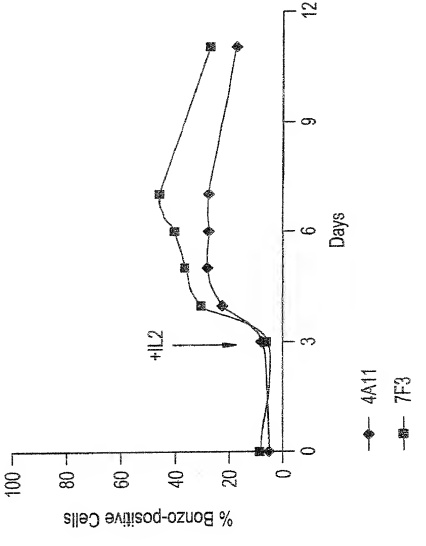


FIG. 22


% Bonzo-positive Cells
100
80
60
40
20
0
+IL2
0
3
6
9
12
Days
4A11
7F3

TD7280" E9004660

FIG. 23A

FIG. 23B

FIG. 23C

FIG. 23D

Docket No.: 1855.1070-004
Novel Antibodies and Ligands...
Inventors: Michael J. Briskin *et al.*

FIG. 23E

7F3
anti-Bonzo

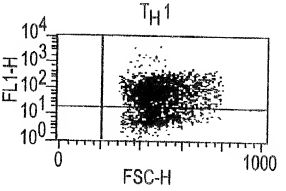


FIG. 23F

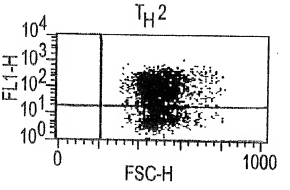


FIG. 23G

1G1
anti-CCR4

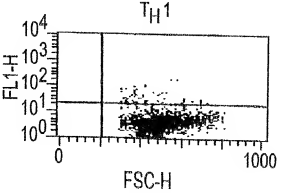


FIG. 23H

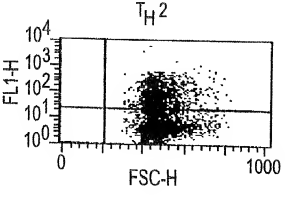


FIG. 24A

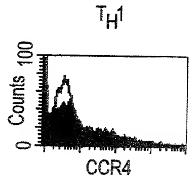


FIG. 24B

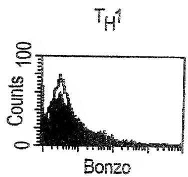


FIG. 24C

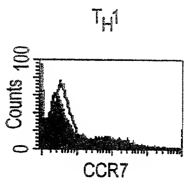


FIG. 24D

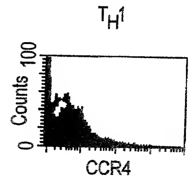


FIG. 24E

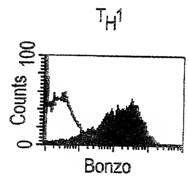
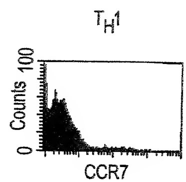


FIG. 24F



TO/280:E90044660

FIG. 25A

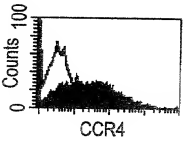


FIG. 25B

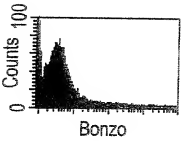


FIG. 25C

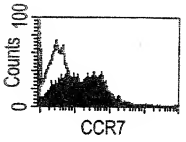


FIG. 25D

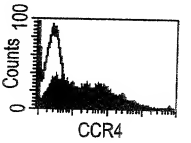


FIG. 25E

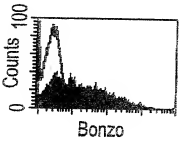


FIG. 25F

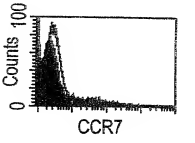


FIG. 26A

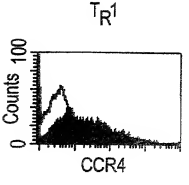


FIG. 26B

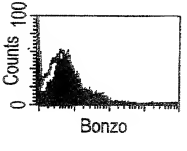


FIG. 26C

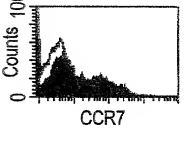


FIG. 26D

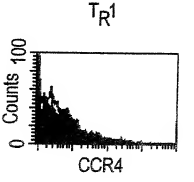


FIG. 26E

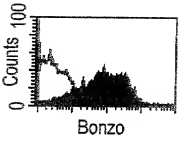
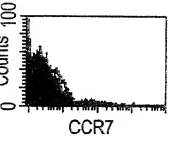
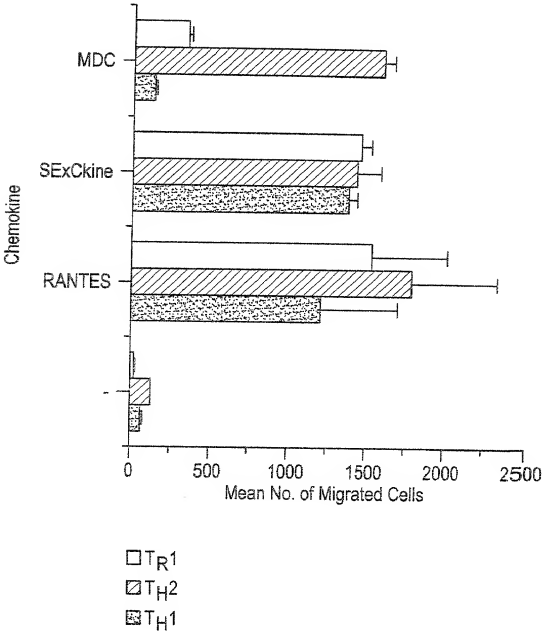


FIG. 26F



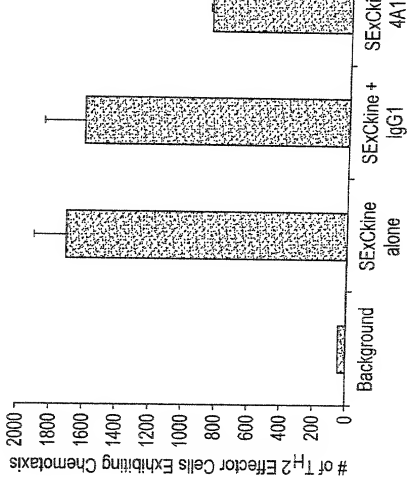
T07280-E900Hp60

FIG. 27


MDC
SExCkine
RANTES
Chemokine
0
500
1000
1500
2000
2500
Mean No. of Migrated Cells
T_R1
T_H2
T_H1

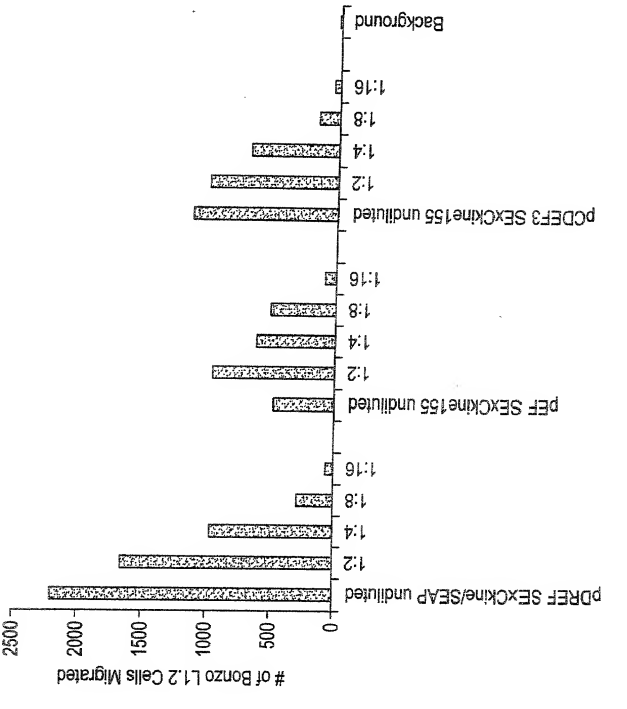
TD7280 E9084660

FIG. 28



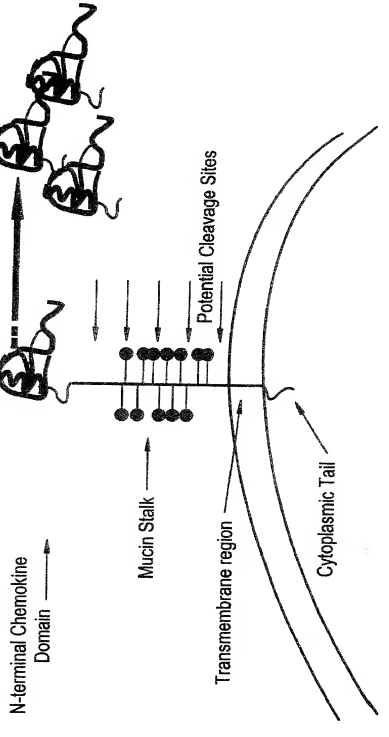
09940063.082701

FIG. 29



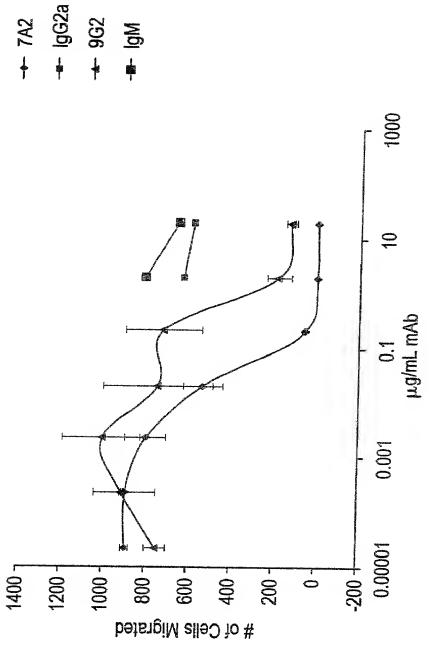
10/280,690

FIG. 30



TDZ280"E900m660

FIG. 31



T07280"E909n660

FIG. 32